



General

Now you can turn and integrate your analog CCTV system into the IP world with the new Quaddrix openQ IP encoder series.

Functions

SD Slot for internal storage: You can now store from 2 up to 32GB SD cards for video recording, giving you safe video storage in case of network failures (embedded in 1 ch models; SD slot only available for 4 ch models).

Built in Web server: allows video live preview, camera configuration, playback, backup, and local recording from Internet Explorer.

SoftQ systems compatible: full camera control and management from Quaddrix NVS systems SoftQ Basic (included) and SoftQ Professional software (sold separately)

Built-in video intelligence functions: features such as motion detection, camera masking detection, external alarm connection and alarm output are included, as well as e-mail event notification with attached snapshots, scheduled FTP, and snapshot and recording upload.



Wireless connection: Support wireless network, IEEE802.11g/b (only for wireless models)

Dual stream supported: allows you to have two different video encoding modes simultaneously for different network environment.

Quaddrix IP cameras use the most advanced video encoding technology H.264 and supports video resolutions of up to D1@30Fps.

Technical specifications: oQ-ENCODER-1CH; oQ-ENCODER-1CH/WiFi oQ-ENCODER-4CH

NETWORK SPECS (apply for all IP models)

General

BUILT IN WEB BROWSER	Yes
MAIN PROCESSOR	High performance TI DaVinci DSP series
INTERNAL STORAGE	Yes (Up to 2Gb fo local storage embedded for 1ch models) (SD slot up to 32GB for 4 channels models)
SECURITY	Multiple user access levels with password protection
USERS	UP to 10 users real time monitoring (account reusables)
WIFI	Yes, 802.11b/g (for WiFi Models)
ALARM INPUT	2 channels (for 1 channel model) 4 channels (for 4 channel model)
ALARM OUTPUT	1 channel (for 1 channel model) 2 channel (for 4 channel model)
NETWORK INTERFACES	1 CH RJ-45 10M/100M self-adaptive Ethernet 1 802.11b/g WIFI (only for W models)
CONNECTORS	1 RJ-45, 1 Alarms socket, 1 Mic IN, 1 Audio Out 1 12VDC Jack, RS232 (for 4channel modes!)
NETWORK PROTOCOLS	HTTP, TCP/IP, UDP, SMTP, FTP, DHCP, DNS, DDNS, PPPOE
STREAM CONTROL MODE	CBR (Constant Bit Rate) / VBR (Variable Bit Rate)
FRAME RATE CONTROL	ACF (Active Control Frame)
DUAL STREAM	Yes
MOTION DETECTION	Yes
PTZ CONTROL	Yes, RS485 out for external device control

Video

SIGNAL SYSTEM	PAL/NTSC
OUTPUT	1 CH RJ45 network connector
VIDEO COMPRESSION	H.264
ENCODE SPEED	NTSC: 1~30Fps adjustable PAL: 1~25Fps adjustable 1 channel: 25(30) fps for D1 2 channel: 25(30) fps for HD1 (4 channels model only) 4 channel: 25(30) fps for CIF (4 channels model only)
ENCODE RESOLUTION	D1, HD1, CIF, QCIF, QVGA, QQVGA (real time)
VIDEO QUALITY	1~6 (1 lowest, 6 highest)
MOBILE DEVICE VIEW	Yes PocketQ supported

Parts included

Installation and specs Printed manual
CD Room
Power Supply (4 channel model only)
RS232 cable (4 channel model only)
Video in connector (4 channel model only)

Mechanical

Apply for all series

Dimensions	132mmx136mmx30mm (W*D*H) (4 channel model)
Operation temperature	-10C~+55C
Operation humidity	10%~90%
Environmental protection	No (indoor installation)
Vandal proof	No
Accessories	No

Power

Only for 1Ch model

Voltage	12V DC
Power consumption	800mA
Recommended Power supply	QT-12VDC-800mA

Audio

AUDIO COMPRESSION	G.711/AMR
CROSS TALKING	Yes
INPUT	1 CH Stereo Jack (for microphone)
OUTPUT	1 CH Stereo Jack